

## ABSTRACT

The present invention relates to a mobile communication system supporting communication of data which comprises a base station communicating with a switching arrangement. A communication protocol is used for communication between a mobile station and the switching arrangement. The connection between the base station and the switching arrangement supports packet switched communication and detecting means are provided in the base station to detect if data frames sent from the mobile station are correctly received over the air interface. Means are also provided for sending only data frames detected as correctly received on to the switching arrangement using the packet switched connection between the base station and the switching arrangement.

(Fig. 1)